Exercise 1 *Feel free to use Desmos or another graphing calculator for the following problems.*

(a) *Let f be a function defined by $f(x) = 23$.*

The function f has $\boxed{0}$ *zero(s).*

(b) *Let g be a function defined by $g(x) = x^2 + 2x - 2$.*

The function g has $\boxed{2}$ *zero(s).*

(c) *Let h be a function defined by $h(x) = \dfrac{x^2 - 9}{x - 3}$.*

The function g has $\boxed{1}$ *zero(s).*